



SAFETY DATA SHEET

Emergency Phone Number Infotrac: 1 (800) 535-5053

Preparation/Revision Date: January 13, 2017

Edition: 5

Section 1. Product Identity

Sweet fine powder or granular extract from the Stevia Rebaudiana plant.

Product Name:

Dual 3.05

Greenesse Stevia™ 50 (Rebaudioside A 50%/TSG95)

Greenesse Stevia™ 60 (Rebaudioside A 60%/TSG95)

Greenesse Stevia™ 80 (Rebaudioside A 80%/TSG95)

Sweetesse Stevia™ 95 (Rebaudioside A 95%)

Sweetesse Stevia™ 97 (Rebaudioside A 97%)

Altesse Stevia™ 99 (Rebaudioside A 99%)

Puresse Stevia™ 100 (Rebaudioside A 100%)

Optesse HPS™ (TSG95)

Optesse HPX™ (TSG95)

Optimizer 1.10

Optimizer 2.10

Optimizer 3.10

Intesse™ (TSG95)

Omega

Proprietary steviol glycoside blends.

*TSG – Total Steviol Glycosides

Recommended uses: It is a sugar-like glycoside molecule that can be used in cooking similar to table sugar but 250-300 times sweeter.

Company Supplier: Sweet Green Fields USA LLC

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Section 2. Hazard Identification

Emergency Overview

Appearance: White powder or granule.

Odor: Odorless

Potential Health Effects:

Eye: May cause irritation.

Skin: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Chronic/Acute: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

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**Hazardous Materials Identification System**

Health: 0	Flammability: 0	Reactivity: 0	Contact: 1
4 – Extreme	3 – High	2 – Moderate	1 – Slight
			0 – No Significant Hazard

Section 3. Composition/Information of Ingredients

Composition:	Botanical Extract
Concentration:	100% botanical extracted solids
Synonyms:	Stevia Rebaudiana Bertoni extract
CAS No.:	58543-16-1

Section 4. First Aid Measures

Eyes: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.

Skin: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs; provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms occur.

Section 5. Fire Fighting Measures

Extinguishing Media: CO₂, Foam, or Dry Chemical.

Special Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None.



Section 6. Accidental Release Measures

Steps to be taken in case material is released or spilled – Sweep up and dispose of material.

Waste Disposal Methods – Taking into consideration local authority regulations, waste may be incinerated or handled through EPA spill control plan via landfill or dilution.

Section 7. Handling & Storage

Precautions to be taken in Handling & Storage – Store as a food product in closed container, on pallets without contact with walls, ceiling, or floor. Storage areas should be well ventilated and free of strong and objectionable odors. Store in full, tightly closed containers at room temperatures away from heat and sunlight.

Maintenance Precautions – Clean up all spills.

Section 8. Exposure Controls, Personal Protection

Engineering Controls – Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation.

Respiratory Protection – If dust levels exceed 10 mg/m³, a NIOSH-approved respirator with appropriate dust cartridge is recommended.

Other Protective Equipment – Safety Glasses or Goggles.

Work Practices – Always follow good manufacturing practices.

Hygienic Practices – Wash Hands and arms after handling.

Section 9. Physical and Chemical Properties

Physical

Flash Point (Closed Cup): Not applicable.

Flammable Limits - LEL=N/A UEL=N/A

Extinguishing Media - Carbon Dioxide, Foam, or Dry Chemical.

Special Fire Fighting Procedure – Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Unusual Fire and Explosion Hazards – Fine dust clouds may form explosive mixtures with air.

Incompatibility (Materials to Avoid) - Not applicable.

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**Hazardous Decomposition Products** - Decomposition products may include the following materials:

Carbon dioxide

Carbon monoxide

Chemical**Boiling Point (F)** - N/A**Density:** N/A**Vapor Pressure (mm Hg):** N/A**Percent Volatile by Volume (%):** N/A**Vapor Density (Air=1):** N/A**Evaporation Rate (N/l=1):** N/A**Solubility in Water:** Easily soluble in the following materials: cold water and hot water.**Appearance and Odor Information** – Odorless white powder or granule.

Section 10. Stability and Reactivity

Chemical stability: The product is stable.**Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.**Conditions to avoid:** Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.**Materials to avoid:** Reactive or incompatible with the following materials: oxidizing materials**Hazardous decomposition:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information
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Carcinogenicity - Not available

Section 12. Ecological Information

Ecotoxicity: No known significant effects or critical hazards.***Taste the Extraordinary***



Section 13. Disposal Considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Waste disposal: Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport Information

All products listed under Section 1. Product Identity, are considered non-hazardous for ground, ocean and air transport.

IMDG Code/Class: Non-Hazardous

ICAO/IATA Air Class: Non-Hazardous

RID/ADR Class: Non-Hazardous

ADNR Class: Non-Hazardous

Section 15. Regulatory Information

US Federal

Section 302 (RQ)	None of the chemicals in this material have an RQ.
Section 302 (TRQ)	None of the chemicals in this material have a TRQ.
Section 313	No chemicals are reportable under Section 313.
Clean Air Act	This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any class 2 Ozone depleters.
Clean Water Act	None of the chemicals in this product is listed as a Hazardous Substance under the CWA. None of the chemicals in this product is listed as a Priority Pollutant under the CWA. None of the chemicals in this product is listed as a Toxic Pollutant under the CWA.
OSHA	OSHA considers none of the chemicals in this product highly hazardous.
State	Not applicable.



TATE & LYLE

European/International Regulations
European Labeling in Accordance with EC Directives

Hazard Symbols	Not available.
Risk Phrases	Not available.
Safety Phrases	Not available.
WGK (Water Danger/Protection)	No information available.
WHMIS	Not available.

Section 16. Additional Information

The Information in this SDS was obtained from current and reputable sources. However, the data are provided without any warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for the use of this product and to assume all liability for loss, injury, damage, or expense resulting from the improper use of this product.

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